

**APPRENTICE RECORD
HEP ELECTRICIAN
RELATED TRAINING**

BEGINNING W/GROUP #XXXIV

SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
1. Semiconductors in the Plant	TPC Training Systems #251 Industrial Electronics	Unit 251: 10 Study Hours Request and complete Handout Exam.	Unit 251		
2. Power Supplies	TPC Training Systems #252 Industrial Electronics	Unit 252: 10 Study Hours Request and complete Handout Exam.	Unit 252		
3. Amplifiers	TPC Training Systems #253 Industrial Electronics	Unit 253: 10 Study Hours Request and complete Handout Exam.	Unit 253		
4. Oscillators and Multivibrators	TPC Training Systems #254 Industrial Electronics	Unit 254: 10 Study Hours Request and complete Handout Exam.	Unit 254		
5. Digital Logic Systems	TPC Training Systems #291 Digital Logic Systems	Unit 291: 10 Study Hours Request and complete Handout Exam.	Unit 291		
6. Safe Clearance Procedures	Project O&M Instruction OP-2	Classroom attendance. Instructor to certify.	Instructor Test		
7. Project Control and Power Contracts	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #19 - 40 Hours	Instructor Test		
8. Introduction to Electrical Controls (continued)	Electrical Control for Machines, 5th Edition, by Kenneth B. Rexford	Chapter 1: 3 Study Hours Request and complete Handout Exam	Cha. 1		
		Chapter 2: 3 Study Hours Request and complete Handout Exam	Cha. 2		
		Chapter 3: 3 Study Hours Request and complete Handout Exam	Cha. 3		
		Chapter 4: 3 Study Hours Request and complete Handout Exam	Cha. 4		
		Chapter 5: 3 Study Hours Request and complete Handout Exam	Cha. 5		
		Chapter 6: 3 Study Hours Request and complete Handout Exam	Cha. 6		
		Chapter 7: 3 Study Hours Request and complete Handout Exam	Cha. 7		
		Chapter 8: 3 Study Hours Request and complete Handout Exam	Cha. 8		
		Chapter 9: 3 Study Hours Request and complete Handout Exam	Cha. 9		

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SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
8. Introduction to Electrical Controls (continued)		Chapter 10: 3 Study Hours Request and complete Handout Exam	Cha. 10		
		Chapter 11: 3 Study Hours Request and complete Handout Exam	Cha. 11		
		Chapter 12: 3 Study Hours Request and complete Handout Exam	Cha. 12		
		Chapter 13: 3 Study Hours Request and complete Handout Exam	Cha. 13		
		Chapter 14: 3 Study Hours Request and complete Handout Exam	Cha. 14		
		Chapter 15: 3 Study Hours Request and complete Handout Exam	Cha. 15		
9. First Aid	Standard Red Cross Textbooks and Multi-Media Workbooks	Classroom attendance. Instructor to certify. 8 Hours	Instructor Test		
10. Defensive Driving	State Defensive Driving Course	During working hours. Instructor to certify. 4 Hours	Instructor Test		
11. 5th Six Month Final Exam	Review all text study material	Field Division Proctor to administer. Closed-book 5th-Six Month Final Exam	5th Six Month Final Exam		
12. 5th Six Month Achievement Test	Hands-on demonstration of proficiency	During working hours, task to be selected and graded by Supervisor	Supervisor Test		